

## Novel hair-setting compositions

## Abstract

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Hair-setting compositions comprising

- 10 A) 0.5 to 20% by weight of a homopolymer of N-vinylcaprolactam  
or an anionic or nonionic copolymer of at least 70% by weight  
of N-vinylcaprolactam (polymer A), and
- B) 0.5 to 20% by weight of a terpolymer (polymer B) obtainable  
by copolymerization
- 15 (a) of at least one C<sub>1</sub>-C<sub>4</sub> N-alkylacrylamide or a C<sub>1</sub>-C<sub>4</sub>  
N-alkylmethacrylamide and
- (b) at least one C<sub>1</sub>-C<sub>4</sub> hydroxyalkyl ester or a C<sub>1</sub>-C<sub>4</sub> alkyl  
ester of acrylic acid or methacrylic acid and
- 20 (c) acrylic acid and/or methacrylic acid
- C) 0.5 to 20% by weight of a polymer chosen from the group  
consisting of copolymers of vinylpyrrolidone and a vinyl  
25 ester and of homopolymers of vinylpyrrolidone.

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